



PATENT
37310-000188/US

#15/Rev P.
8/23/12
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IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Bradley Paul BARBER et al.
Appl. No.: 09/781,820 Group: 2812
Filed: February 12, 2001 Examiner: Unassigned
For: METHOD OF FABRICATING A MEMBRANE WITH
IMPROVED MECHANICAL INTEGRITY

REVOCATION OF POWER OF ATTORNEY, SUBSTITUTE POWER
OF ATTORNEY, AND CHANGE IN CORRESPONDENCE ADDRESS

Commissioner for Patents
Washington, DC 20231

Sir:

The above-identified application was originally assigned to Lucent Technologies, (see Assignment recorded on February 12, 2001 at Reel 011595, Frames 0269-0276), and was then subsequently re-assigned to Agere Systems Guardian Corporation on January 30, 2001, as indicated by the attached Assignment. The Assignee of the above-identified patent application, Agere Systems Guardian Corporation, having a business office at 600 Mountain Avenue; Murray Hill, NJ 07974, hereby revokes any and all previous powers of attorney for the above-identified patent application or issued patent, and hereby appoints:

Richard J. Botos	(Reg. No. 32016)	Thomas A. Auchterlonie	(Reg. No. 37,275)
Anthony Grillo	(Reg. No. 36535)	John A. Castellano	(Reg. No. 35,094)
Mark A. Kurisko	(Reg. No. 38944)	Terry L. Clark	(Reg. No. 32,644)
Scott W. McLellan	(Reg. No. 30776)	Donald J. Daley	(Reg. No. 34,313)
Scott J. Rittman	(Reg. No. 39010)	Gary D. Yacura	(Reg. No. 35,416)
Fred M. Romano	(Reg. No. 32752)		
David L. Smith	(Reg. No. 30592)		
John P. Veschi	(Reg. No. 39058)		

of Agere Systems Inc. and the firm of Harness, Dickey & Pierce, P.L.C. as the attorneys of the Assignee to receive all correspondence relating to the above-identified application or patent and to transact all business in the United States Patent and Trademark Office connected therewith, with full power of substitution and revocation, and the Assignee ratifies any act done by the Assignee's attorneys in respect of this patent. The new correspondence address is:

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 8910
Reston, VA 20195

The undersigned (whose title is supplied below) is empowered to sign this Revocation and Substitute Power of Attorney on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

8/12/02
Date

Richard J. Botos
Signature

Richard J. Botos
Typed or printed name

Counsel for Agere Systems Inc.

EXECUTION COPY

PATENT ASSIGNMENT

by and between

LUCENT TECHNOLOGIES INC.

and

AGERE SYSTEMS GUARDIAN CORP.

Dated as of January 30, 2001

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment"), effective as of January 30, 2001 (the "Effective Date"), is by and between Lucent Technologies Inc., a Delaware corporation, with offices at 600 Mountain Avenue, Murray Hill, New Jersey 07974, United States of America, ("ASSIGNOR") and Agere Systems Guardian Corp., a Delaware corporation, with offices at 555 Union Boulevard, Allentown, PA 18109, United States of America ("Agere Systems Guardian").

RECITALS

A. WHEREAS, the Board of Directors of ASSIGNOR has determined that it is in the best interests of ASSIGNOR and its stockholders to separate ASSIGNOR's existing businesses into two independent businesses;

B. WHEREAS, ASSIGNOR presently owns or controls certain patents, patent applications, and invention submissions listed in the attached Appendices A and B (hereinafter "TRANSFERRED PATENTS") and;

C. WHEREAS, in furtherance of the foregoing separation, ASSIGNOR desires to transfer, assign, convey, deliver and vest all of its interests and rights in TRANSFERRED PATENTS for all countries, jurisdictions and political entities of the world, to and in Agere Systems Guardian;

NOW, THEREFORE, in consideration of the premises and for other good and valid consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, agree as follows:

ASSIGNOR, subject to existing rights and licenses of third parties, does hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to Agere Systems Guardian, its successors, assigns and legal representatives or nominees, ASSIGNOR's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all TRANSFERRED PATENTS listed on Appendices A and B, and corresponding counterpart foreign patents and patent applications, with respect to which, and to the extent to which, ASSIGNOR now has or hereafter acquires the right to so assign, convey, transfer and deliver. Agere Systems Guardian recognizes that ASSIGNOR holds only bare legal title to the TRANSFERRED PATENTS listed in Appendix A (which lists the United States Patents and patent applications previously exclusively licensed to Lucent Technologies Microelectronics Guardian Corp.).


ASSIGNOR and ASSIGNEE recognize that the patents listed in Appendices A and B may inadvertently include patents that are owned by various subsidiaries of ASSIGNOR, including Agere, Inc., Ortel Corporation, Optimay Corporation, Herrmann Technology, Inc., and Enable Semiconductor, Inc. Ownership of such patents shall not be affected by this Patent

Assignment, and ASSIGNEE agrees that any such patents shall be deemed deleted from Appendices A and B.

ASSIGNOR agrees that, upon request it will, at any time without charge to Agere Systems Guardian, but at Agere Systems Guardian's expense, furnish all necessary documentation relating to or supporting chain of title, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for vesting title to TRANSFERRED PATENTS in Agere Systems Guardian, its successors, assigns and legal representatives or nominees; including but not limited to any acts which may be necessary, desirable or convenient for claiming said rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in Agere Systems Guardian and its respective successors, assigns and legal representatives or nominees.

IN WITNESS WHEREOF, the parties have caused this PATENT ASSIGNMENT to be executed by their duly authorized representatives as of the Effective Date.

LUCENT TECHNOLOGIES INC.

By: 
Daniel P. McCurdy
President, Intellectual Property Business

AGERE SYSTEMS GUARDIAN CORP.

By: 
Fred M. Romano
President

Execution Copy

ACKNOWLEDGMENTS

STATE OF NEW JERSEY)

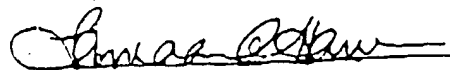
: ss:

COUNTY OF SOMERSET)

I CERTIFY that on January 30, 2001, Daniel P. McCurdy personally came before me and this person acknowledged under oath, to my satisfaction that:

a.) this person signed, sealed and delivered the attached Patent Assignment as President - Intellectual Property Business of Lucent Technologies Inc.; and

b.) this Patent Assignment was signed and made by Lucent Technologies Inc. as its voluntary act and deed by virtue of authority from its Board of Directors.



Name TAMORA ANNE HANNA
Notary Public Notary Public of New Jersey
My Commission Expires ~~February~~ Registered in Hunterdon County
[Notarial Seal] My Commission Expires March 25, 2002

STATE OF FLORIDA)

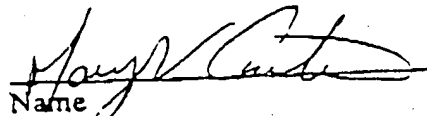
: ss:

COUNTY OF ORANGE)

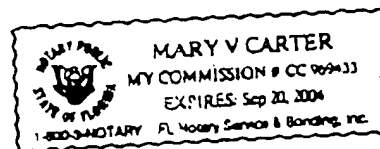
I CERTIFY that on January 31, 2001, Fred M. Romano personally came before me and this person acknowledged under oath, to my satisfaction that:

a.) this person signed, sealed and delivered the attached Patent Assignment as Vice President of Agere Systems Guardian Corp.; and

b.) this Patent Assignment was signed and made by Agere Systems Guardian Corp. as its voluntary act and deed by virtue of authority from its Board of Directors.



Name
Notary Public
My Commission Expires:
[Notarial Seal]



APPENDIX B (continued)
Transferred Parents (patent disclosures)

IDS No.	Inventors	Subject Matter
Barber 20-17-1-2-58	Bradley P Barber,BL0111130;Peter L Gammel,BL0111130;Juan A Herbsommer,BL0111130;Hugo F Safar,BL0111130;Yiu-Huen Wong,BL0111770	System And Method for Determining And/Or Improving High Power Reliability In Thin Film Resonator Devices
Barber 21-11-4-4	Barber, Bradley Paul ,BL0111130,Fetter, Linus Albert ,BL0111130,Huggins, Harold Alexis ,BL01131F0,Miller, Ronald Eugene ,BL0111130,	Fabrication Of TFR Membranes With Improved Mechanical Integrity
Barrese 1-1-1-2	Michael A Barrese,5388CR300;Brad L Grande,5388CR300;Vernon G Koll,5388CR300;Eugene J Yurek,BL0314600	Line Powered Modem
Batruni 1	Batruni, Roy George ,	Next Cancellor
Batruni 2	Batruni, Roy George ,	Baud-Rate Timing Recovery
Baumhauer 15-11-8-43	Baumhauer, John Charles ,BL0314200,Marcus, Larry Allen ,BL0314200,Varvaro, Charles ,JVV45D7000,West, James Edward ,BL0113320,	Noise Canceling Microphone For Cellular Phones
Benesty 10-6	Jacob Benesty,BL0113320;Tomas F Gensler,BL0113320	A Robust Signal Regressor PNLMSE Algorithm For Network Echo Cancellation
Benesty 11-9	Jacob Benesty,BL0113320;Steven L Gray,BL0113320	An Improved PNLMSE Algorithm For Echo Cancellation
Benson 1	Benson, Richard Clive ,	Memory Addressing
Berenbaum 11	Berenbaum, Alan David ,BL0112710,	Automatic Quality of Service Assignment In Ethernet Switches
Berthoud 19-5-17	Charles W Berthoud,538812000;Mohd M Hobbi,538814000;Lakshmi N Jampanaboyana,538814000	Control Help
Berthoud 20-6	Charles W Berthoud,538812000;Mohd M Hobbi,538814000	Telephony Access Using An Email Address
Berthoud 21-12-24-9-7-18	Berthoud, Charles William ,538812000,Davis, Paul Joseph ,538870000,Grundvig, Jeffrey Paul ,538813000,Gupta, Anupratan ,538810000,Hobbi, Mohd Majed ,538814000,Jampanaboyana, Lakshmi Narayana ,538814000,	Cordless Phone With Database Transfer Capability
Bessios 2	Bessios, Anthony ,538498A00,	Purity Check Code For Lower Complexity Decoding And Reduced Mis-correction Error Rate When Postprocessing Viterbi Algorithm Error Events
Beyers 1-1-1-2-7-18	Beyers, William Daniel ,55K12K000,Bradshaw, Robert Wayne ,55K12K000,Hudson, Chris Peter ,55K12K000,Jones, Robert Francis ,55K12K000,Lobbins, Jonathon Marlon ,55K12K000,Olmer, Leonard Jay ,55K12K000,	New Process Method To Prevent Formation Of Yield Killing BPO4 Dielectric Crystallites
Bhoja 2	Bhoja, Sudeep ,538498000,	TCM Decoding Using Low Delay Tree Search & Local Decision Feedback